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AM-12

A Note on Random Walk and Self-avoiding Walk

We prove that m-step walks and self-avoiding walks on the 2D triangle lattices can be uniquely characterized (canonized) with no more than m Euclidian distances. We also demonstrate that these canonical distances can be obtained with $O(n)$ physical measurements.

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AM-13

Convergence in distribution for level-wise continuous fuzzy random variables

The theory of fuzzy random variables and fuzzy stochastic processes has been received much attentions in recent years. But convergence in distribution for fuzzy random variables has not established yet. In this talk, we restrict our concerns to level-wise continuous fuzzy random variables and obtain some characterizations of its tightness and convergence in distribution.